CINT2000 Result

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Intel Corporation

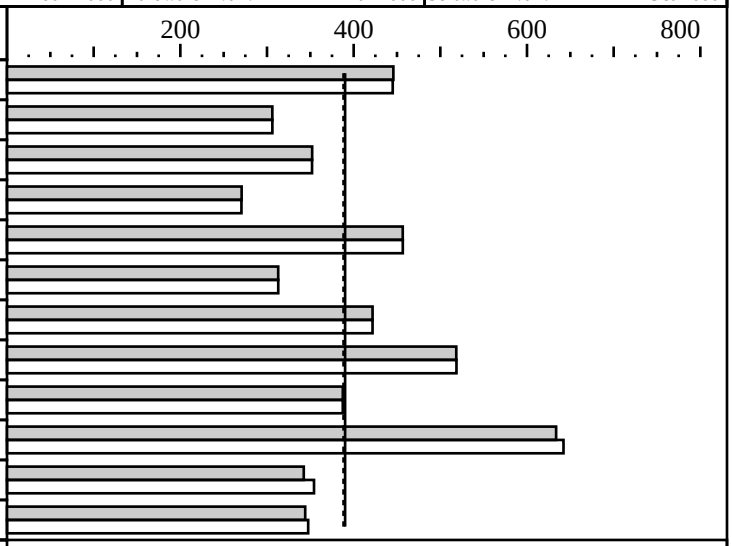
Intel VC820(866 MHz Pentium III processor)

SPECint2000 = 390

SPECint_base2000 = 388

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Jun-2000 | Hardware Avail: Mar-2000 | Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	314	446	315	445
175.vpr	1400	457	306	457	306
176.gcc	1100	312	352	313	352
181.mcf	1800	665	271	665	271
186.crafty	1000	219	457	219	457
197.parser	1800	575	313	575	313
252.eon	1300	308	422	308	422
253.perlbmk	1800	347	518	347	519
254.gap	1100	284	387	284	387
255.vortex	1900	300	634	296	642
256.bzip2	1500	438	342	423	354
300.twolf	3000	872	344	863	348



Hardware

CPU:	Pentium III processor (866 MHz, 133 MHz bus)
CPU MHz:	866
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	16KBI + 16KBD on-die
Secondary Cache:	256KB(I+D) on-die ECC
L3 Cache:	N/A
Other Cache:	N/A
Memory:	256 MB PC800 RDRAM
Disk Subsystem:	IBM DTLA 307030 ATA-66+
Other Hardware:	Creative Labs Annihalator Pro GeForce 256 DDR

Software

Operating System:	Windows 2000(Build 2195)
Compiler:	Intel C++ and Fortran Compiler 5.0, for Windows NT 4.0/Windows 2000 Microsoft Visual C++ 6.0 (for libraries), SmartHeap library V5.0
File System:	FAT32
System State:	Default

Notes/Tuning Information

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+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning: -QxK -Qipo_wp shlW32M.lib +FDO
shlW32M.lib is the SmartHeap library V5.0 from MicroQuill www.microquill.com
Portability flags:
175.vpr: -Op        176.gcc: -Dalloca=_alloca /F10000000 -Op
186.crafy: -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip, 175.vpr, 176.gcc, 181.mcf, 186.crafty, 197.parser, 252.eon, 253.perlbmk, 254.gap:
-QxK -Qipo_wp +FDO shlW32M.lib
255.vortex, 256.bzip2, 300.twolf:
-QxK -Qipo_wp +FDO -Oa shlW32M.lib
Tested systems can be used with Shin-G ATX case, Sparkle Inc. power supply
Product description as of 06/2000:
http://developer.intel.com/design/motherbd/vc/
Motherboard available through Intel OEM Distribution channel. See
http://channel.intel.com/ for more information
The system bus runs at 133 MHz
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